SDS

MODULE DATA SHEET

FIXED MOUNTING CASES	MT10, MT12
HINGED MOUNTING CASES	MT30, MT32

ASSY. NO. 117837 (MT10)
ASSY. NO. 117839 (MT12)
ASSY. NO. 135411 (MT30)
ASSY. NO. 135412 (MT32)

The MT10 and MT12 cases are fixed mount, using adjustable brackets, while the MT30 and MT32 cases are vertically hinged (either side). The MT10 and MT30 cases have solder-tail connectors, while the MT12 and MT32 cases have wire-wrap connectors.

	Solder-tail	Wire-wrap
Fixed Mount	MT10	MT12
Hinge Mount	MT30	MT32

Each mounting case fits a standard 19-inch RETMA rack and holds 32 T-Series modules. The hinges do not decrease card capacity. Each case comes complete with 32 module connectors (sockets) and ground/power back-panel plane installed. Brackets, hinges, and back panel are removable. Brackets are adjustable and also reversible, front to back. Hinges are reversible left to right. Dimensions, weight, and clearance are given in Figure 3, 4, 5.

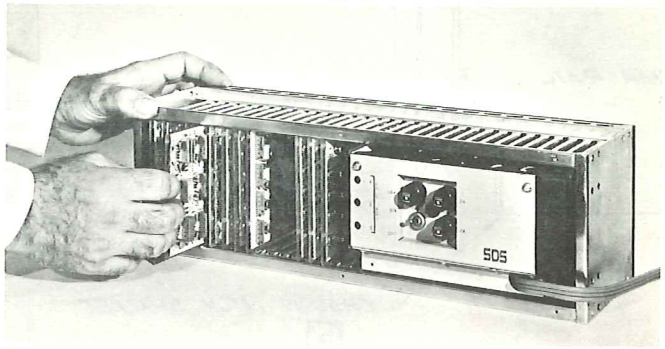

Figure 2. MT10 Mounting Case Containing Typical Module Complement And PT10 Power Supply

The back panel (Figure 1) is an etched-circuit board with ground plane on both sides and with +4 volt and +8 volt power busses etched in the circuit. Power and ground connections to the appropriate module connector pins are soldered at the factory during assembly. Power and ground connections to the entire 32-module case can be made by the user via screw-type terminals at the sides, using AWG No. 10 copper wire.

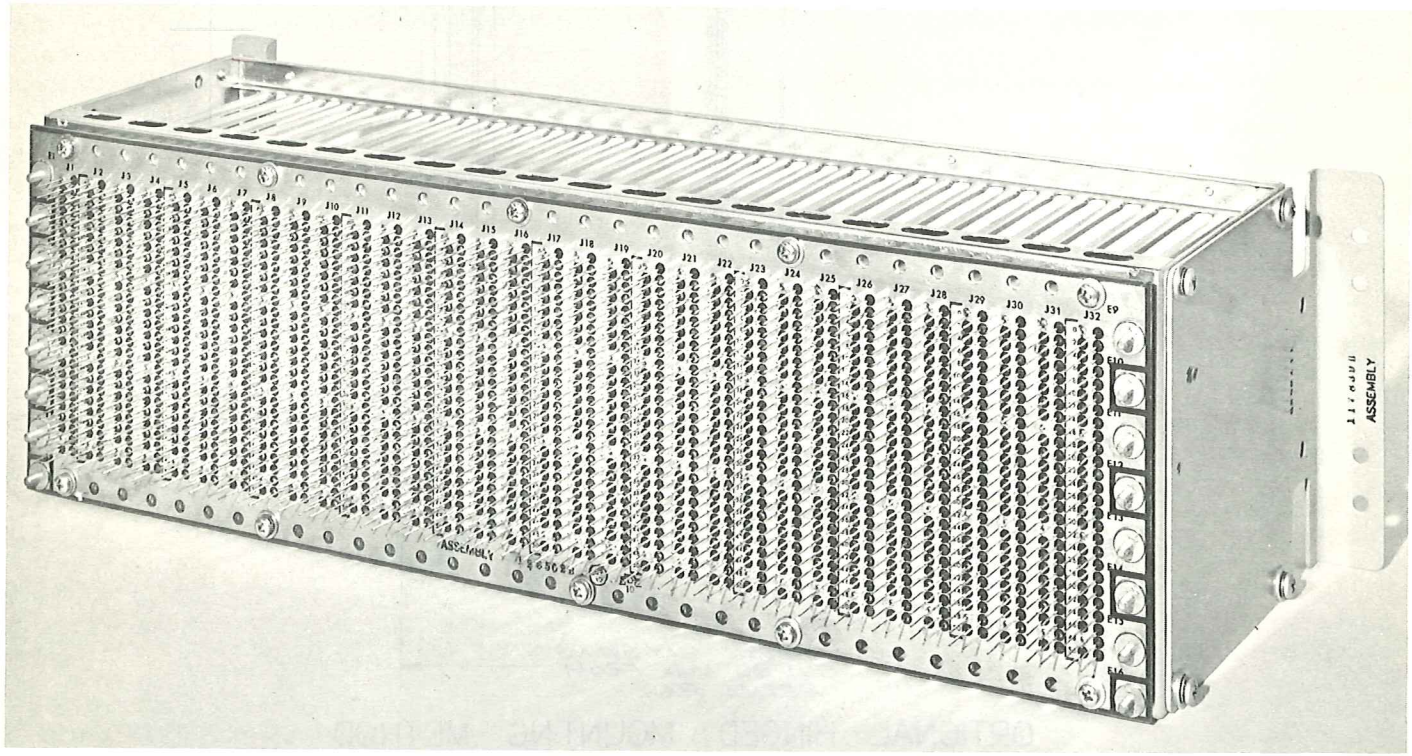

Figure 1. Back Panel of MT12 Mounting Case

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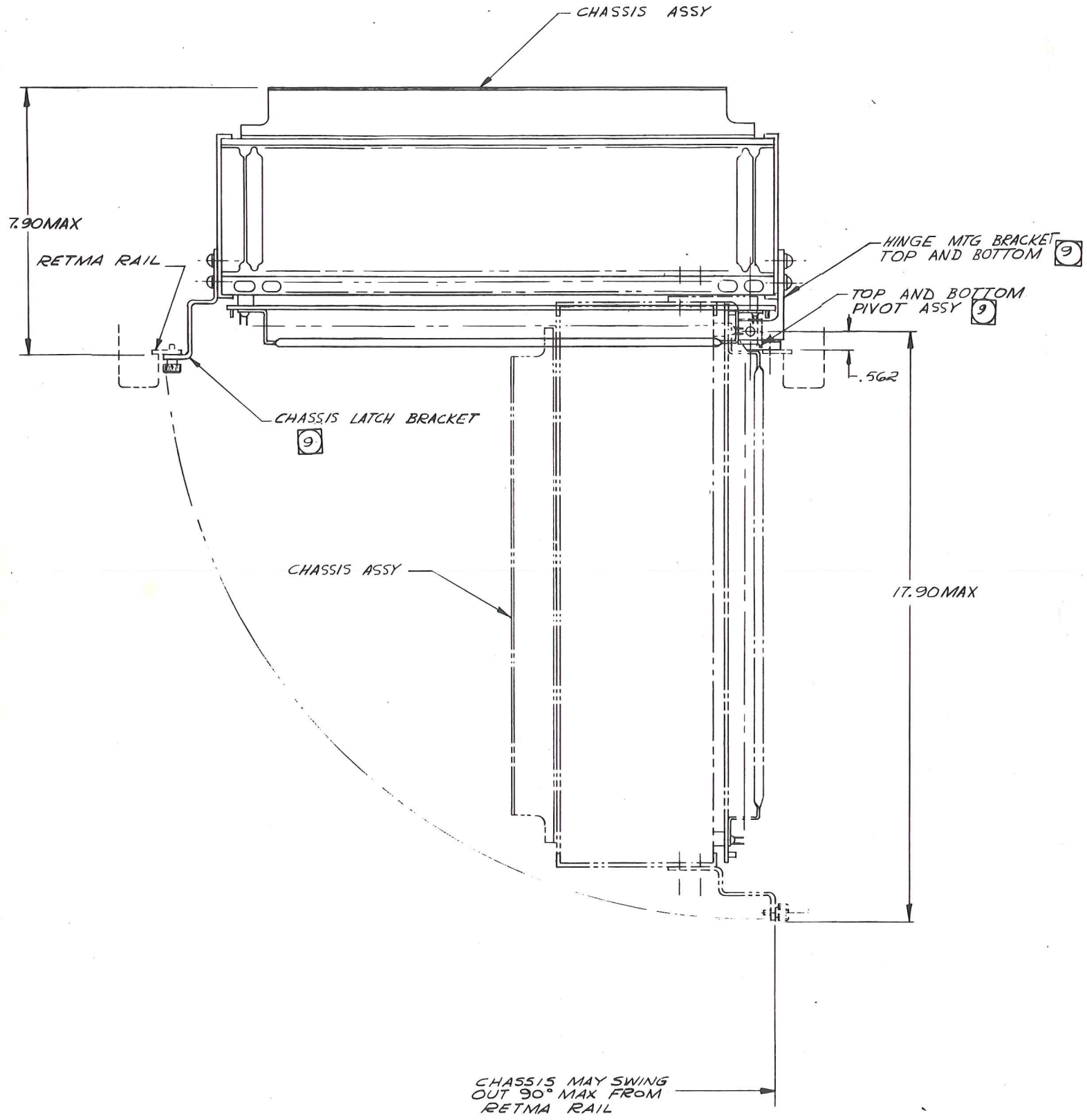
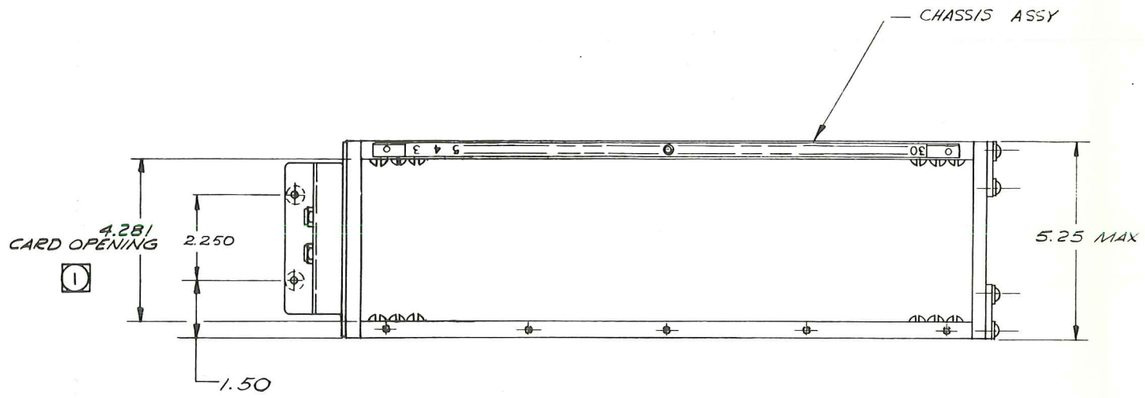
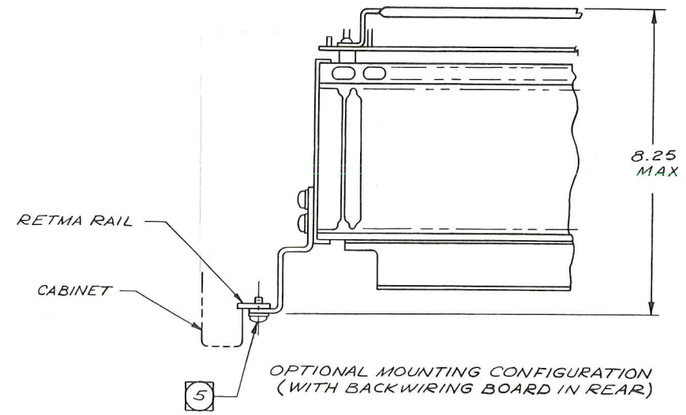
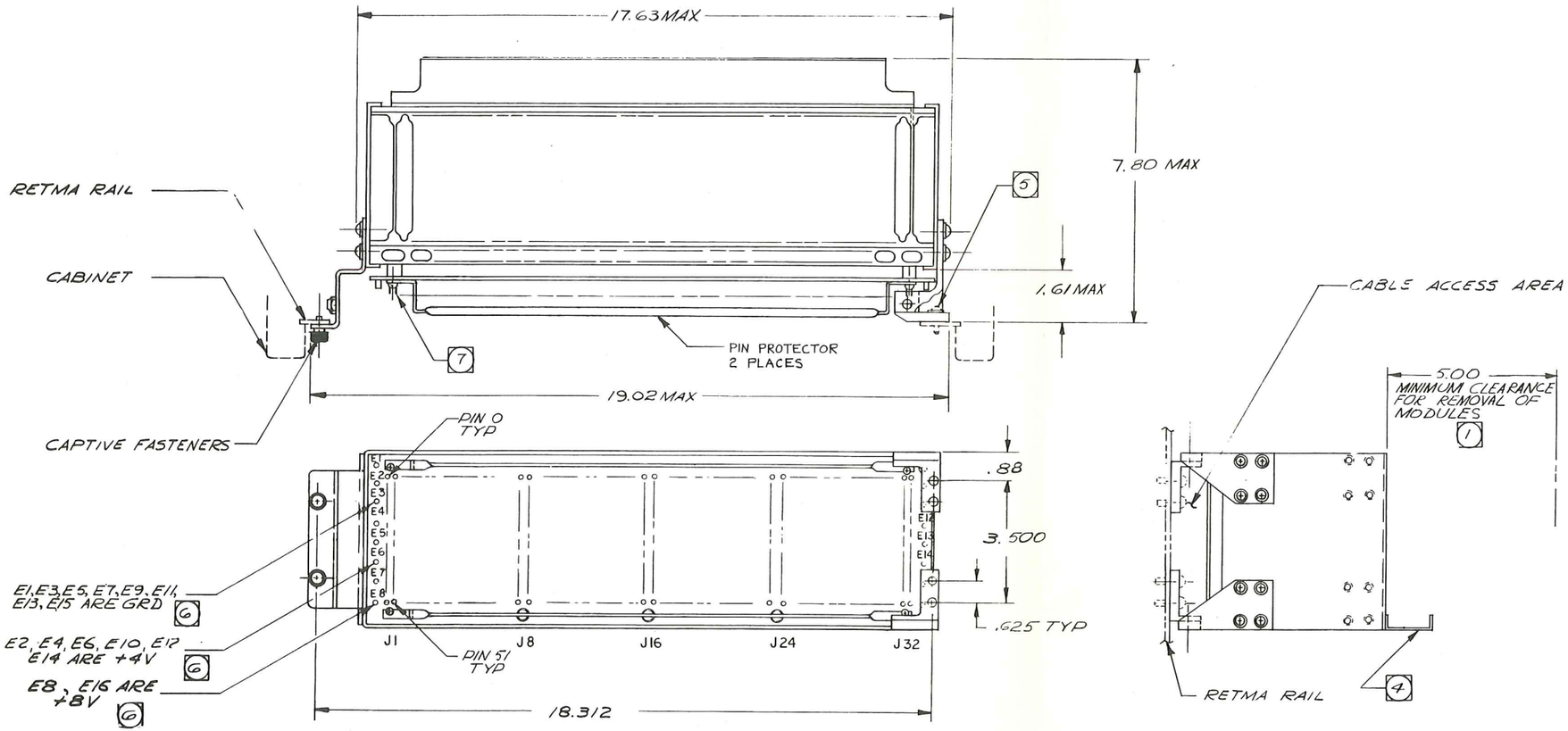


OPTIONAL HINGED MOUNTING METHOD
RIGHT HAND SHOWN — LEFT HAND OPPOSITE
9

Figure 3. MT30 and MT32 Clearance Requirement



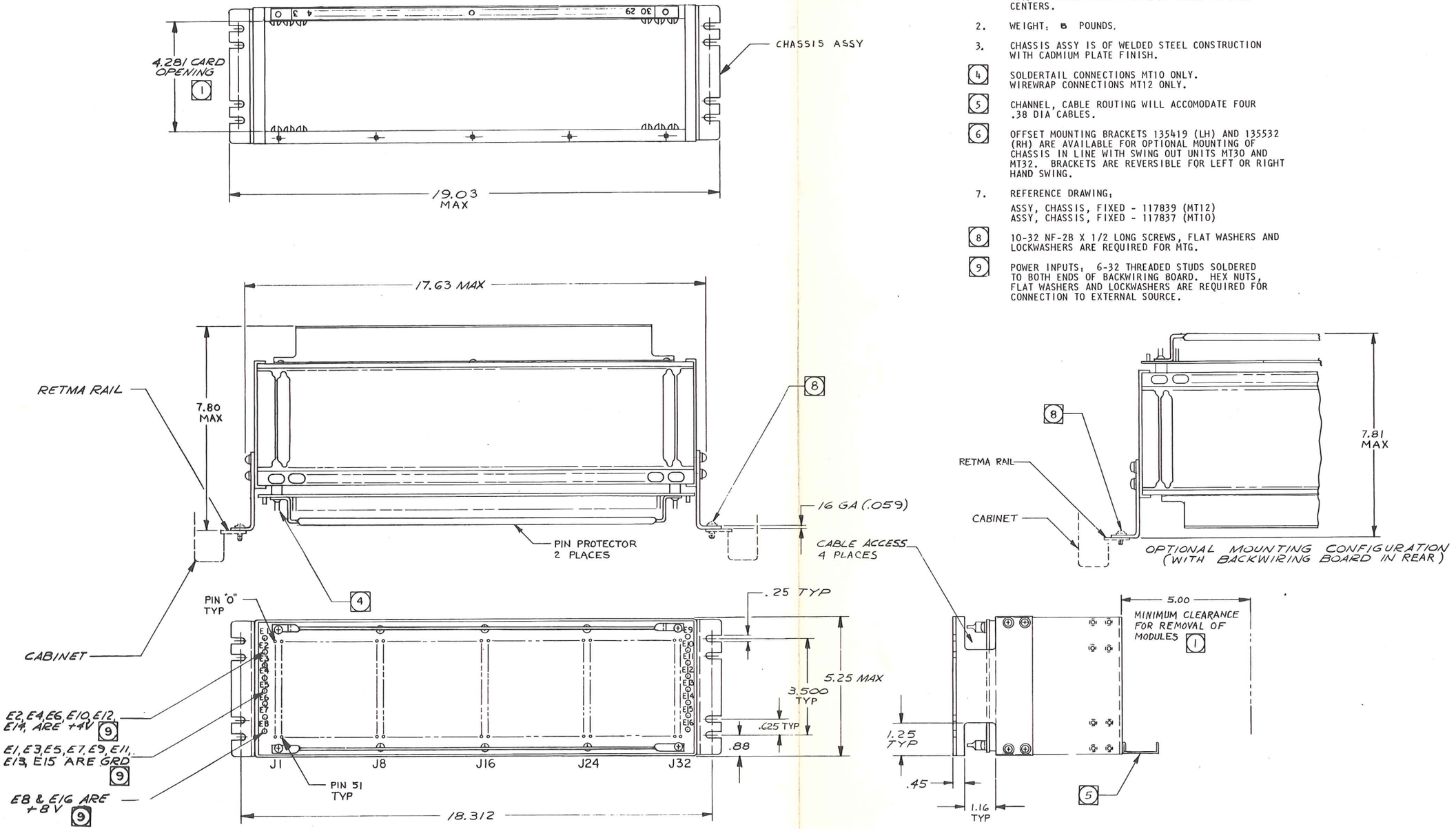




NOTES: UNLESS OTHERWISE SPECIFIED

1. SDS "T" SERIES CARD SIZE .062 X 4.250 X 4.750 CHASSIS WILL HOLD 32 CARDS ON .500 CENTERS.
2. CHASSIS ASSY IS OF WELDED STEEL CONSTRUCTION WITH CADMIUM PLATE FINISH.
3. WEIGHT: 5 POUNDS.
4. CHANNEL, CABLE ROUTING WILL ACCOMODATE FOUR .38 DIA CABLES.
5. MOUNTING HARDWARE: 10-32 NF-2B X 1/2" LONG SCREWS, LOCKWASHERS AND FLATWASHERS, 4 REQD.
6. POWER INPUTS: 6-32 THREADED STUDS SOLDERED TO BOTH ENDS OF BACKWIRING BOARD. HEX NUTS, FLATWASHERS AND LOCKWASHERS ARE REQUIRED FOR CONNECTION TO EXTERNAL SOURCES.
7. SOLDERTAIL CONNECTIONS MT 30 ONLY.
   WIREWRAP CONNECTIONS MT 32 ONLY.
8. REFERENCE DRAWINGS:
   ASSY, CHASSIS, HINGED - 135411 (MT 30)
   ASSY, CHASSIS, HINGED - 135412 (MT 32)
9. PARTS INDICATED ARE REVERSIBLE TO ACCOMODATE LEFT OR RIGHT HAND SWING.

Figure 4. MT30 and MT32 Installation Dimensions



NOTES, UNLESS OTHERWISE SPECIFIED

1. SDS "T" SERIES, CARD SIZE .062 X 4.250 X 4.750. CHASSIS WILL HOLD 32 CARDS ON .500 CENTERS.
2. WEIGHT, 8 POUNDS.
3. CHASSIS ASSY IS OF WELDED STEEL CONSTRUCTION WITH CADMIUM PLATE FINISH.
4. SOLDERTAIL CONNECTIONS MT10 ONLY. WIREWRAP CONNECTIONS MT12 ONLY.
5. CHANNEL, CABLE ROUTING WILL ACCOMODATE FOUR .38 DIA CABLES.
6. OFFSET MOUNTING BRACKETS 135419 (LH) AND 135532 (RH) ARE AVAILABLE FOR OPTIONAL MOUNTING OF CHASSIS IN LINE WITH SWING OUT UNITS MT30 AND MT32. BRACKETS ARE REVERSIBLE FOR LEFT OR RIGHT HAND SWING.
7. REFERENCE DRAWING,
   ASSY, CHASSIS, FIXED - 117839 (MT12)
   ASSY, CHASSIS, FIXED - 117837 (MT10)
8. 10-32 NF-2B X 1/2 LONG SCREWS, FLAT WASHERS AND LOCKWASHERS ARE REQUIRED FOR MTG.
9. POWER INPUTS, 6-32 THREADED STUDS SOLDERED TO BOTH ENDS OF BACKWIRING BOARD. HEX NUTS, FLAT WASHERS AND LOCKWASHERS ARE REQUIRED FOR CONNECTION TO EXTERNAL SOURCE.

Figure 5. MT10 and MT12 Installation Dimensions